

## **Call: Research program for energy efficiency in the transport sector 2014-2019**

**The Swedish Energy Agency invites proposals for research and demonstration projects aimed at improving energy efficiency in transportation. The total budget of the call is about SEK 45 million. The last day of application is 15 March 2017**

The purpose of the call is to create new knowledge through research, development and demonstration of new innovative solutions in the transport sector where large gains can be expected in terms of energy efficiency.

The Swedish Energy Agency has identified a number of challenges to achieve an energy and resource efficient transport system. Applications should be directed to one or more of these challenges:

- How do we solve transport needs in an energy efficient manner, for example through the transfer to more energy efficient modes of transport?
- How can community planning be used to provide the conditions for a more energy efficient transport system?
- What are the incentives to change behaviour in individuals and organizations to contribute to an energy efficient transport systems?
- How can digitizing opportunities be utilized for the development of energy efficient transportation?
- How can existing transport solutions be made more energy efficient?

Proposals relating to all modes of transport as well as freight and passenger are welcomed in the program.

The call is addressed to public and private research actors related to the specified area. The Swedish Energy Agency would like to see that also the recipients of the project results are included in the projects. Depending on the nature of the project it can mean that the recipients are participating in a reference group or that they are co-financiers and are included in the project team

The Swedish Energy Agency would like to see the projects have a system perspective in the sense that the results of each project contributes to the transformation of the transport system. Based on this, we encourage interdisciplinary projects.

The call does **not accept** projects' focusing on technology development of vehicle or engine technologies, as the Swedish Energy Agency has dedicated research programmes for such projects.

Projects within the call may at the earliest commence in June 2017 and will need to be finished by 31 December 2019.

### **How to apply**

Applications should be written according to the Instructions for Applicants and must be submitted through the Swedish Energy agency's electronic application tool [E-kanalen](#) no later than 15 March 2017. Please make sure to acquire user rights in the E-kanalen in advance because it may take a few days.

The application should include:

- A clearly defined purpose.
- A description of the project's relevance to energy and what potential the project has to contribute to energy efficiency.
- Measurable objectives formulated in such a way that they can be met under the project duration.
- A description of the current state of research (monitoring) and an analysis of the way in which the applied project brings something new in this.
- A clear statement of the selected method and a concrete plan for what should be done and by whom (divided into work packages)
- A communication plan for the dissemination of results which shows who is the recipient of and the activities planned for them to take part of the project results

## **Evaluation criteria**

Proposals will be evaluated based on the following criteria:

### ***Potential***

- The relevance of the project for the transition to an energy and resource efficient transport system.
- What energy potential of the project (if possible expressed in kWh / year).
- The extent to which the project can be useful, for example through capacity building, publications, new products, services or processes, commercialization.
- What is new with the project in relation to the current state of research. Is there an identified need for the project, for example, a clear knowledge gap or market potential?

### ***Feasibility***

- Research / work quality (background to the study, problem analysis, chosen methodology).
- If the project is measurable and has concrete and well-defined objectives.
- If the proposed work plan is concrete and temporally realistic.
- Reasonableness of the budget in relation to the intended operations and objectives.
- The project's ambition to communicate the results. Is it clear how the results should be communicated? Is there a communication plan?

### ***Actor constellation***

- If players have the right skills and resources to implement the initiative.
- How recipients of the results are involved in the project

## **Decisions on allocation**

The Swedish Energy Agency may request that you submit a completion of the application if we find reasons for it. The request may concern eg increased co-financing requirements, changes in the project plan or detailed description of the project idea.

Applications will be evaluated by the Programme committee. The Program committee will make a recommendation to the Swedish Energy Agency about

which applications should be supported. Final decision is taken by the Swedish Energy Agency, at the earliest in May 2017. Projects within the program may at the earliest commence in June 2017 and will need to be finished by 31 December 2019.

### **Contacts**

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